

## ABSTRACT

[76] Apparatus for transferring data between first and second networks, each operating according to a Fibre Channel (FC) protocol, via a central network which operates according to a different protocol. The apparatus consists of a first interface between the first network and the central network, and a second interface between the second network and the central network. Each interface has a memory containing a look-up table, and each interface is adapted to receive an FC data-frame from a client on its FC network. The data-frame is converted, using the table, to a data-frame compatible with the central network. The first interface receives an FC data-frame and converts the data-frame to one compatible with the central network. The converted data-frame is transmitted via the central network to the second interface, wherein the FC data-frame is recovered and transmitted within the second FC network.